



## NETL Overview

**Larry Sullivan**

Small Business Program Manager

July 29, 2013



U.S. DEPARTMENT OF  
**ENERGY**

National Energy  
Technology Laboratory

*June 19, 2013 update*

# NETL Mission

*Advance energy options to  
fuel our economy, strengthen our security, and  
improve our environment*



# National Energy Technology Laboratory

- **Full-service DOE federal laboratory**

- Program planning
- Budget formulation and execution
- Procurement
  - Contracting & financial assistance
- Project management
  - Including NEPA
- Legal
- Financial management & reporting
- Onsite research
- Program performance & benefit analysis

- **Dedicated to energy RD&D, domestic energy resources**

- Fossil Energy
- Support Offices of Electricity and Energy Efficiency

- **Fundamental science through technology demonstration**

- **Unique industry–academia–government collaborations**



# Responsible for Substantial Infrastructure

- **Pittsburgh, PA, and Morgantown, WV**
  - Facilities 65 miles apart
  - 61 acres (Pittsburgh) and 137 acres (Morgantown)
  - 80 permanent and temporary buildings, > 969,000 sq. ft.
- **Sugar Land, TX, and Anchorage, AK**
  - Housed in leased space
    - 3,100 sq. ft. (Texas)
    - 750 sq. ft. (Alaska)
- **Albany, OR**
  - 44 acres
  - 38 buildings, > 258,000 sq. ft.
- **Fleet of ~65 federal vehicles**



*Technology Support Facility, Morgantown*

# Site-Support Contractors Assist Lab Operations

## *The Majors*

### **Alliant Enterprises JV, LLC**

Small Business

*Information Technology Operations &  
Maintenance Support Services (ITOMS)*



### **Booz Allen Hamilton, Inc.**

Large Business

*Energy Sector Planning and  
Analysis Services (ESPA)*

Booz | Allen | Hamilton

### **Goldbelt Eagle, LLC**

Alaska Native Small Disadvantaged  
8(a) Business  
*Site Operations Services (SOS)*



### **KeyLogic Systems, Inc.**

Small Business

*Project Execution and Integration  
Services (PEI)*



### **Leonardo Technologies, Inc.**

Small Business

*Program and Performance  
Management Services (PPM)*



### **Smart Data Solutions**

Small Disadvantaged Veteran- and  
Minority-Owned 8(a) Business  
*Support Administrative Services (SAS)*



### **URS Corporation (URS Washington Division)**

Large Business

*Research and Engineering Services (RES)*





# NETL-Regional University Alliance

## *R&D for Energy Innovation*



**WVU**



**Carnegie Mellon**



**Penn State**



**Virginia Tech**



**Pitt**



*NETL, URS Corporation, and five regional universities working to advance energy science & technology, train the next generation of energy researchers, and help grow the energy technology market*

# Establishing Strong National Laboratory Research Alliances

## *Carbon Capture Simulation Initiative (CCSI)*



Identify Promising Concepts

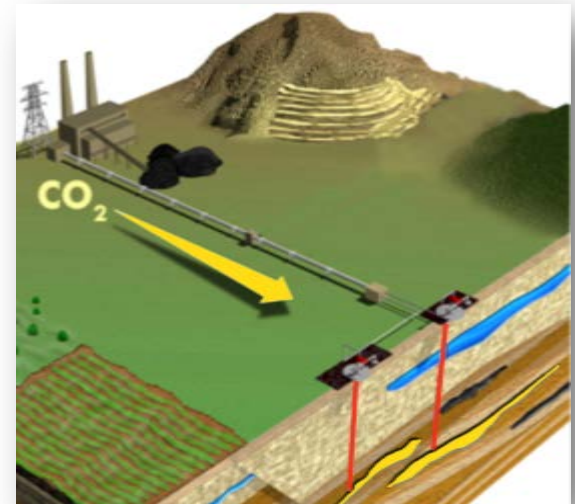


Develop Optimal Designs



Quantify Technical Risk in Scale-up

## *National Risk Assessment Partnership (NRAP)*



Lawrence Berkeley  
National Laboratory



Lawrence Livermore  
National Laboratory



*Accelerate Learning During Development & Deployment*



# NETL Program Areas

## Strategic Center for Coal



## Strategic Center for Natural Gas and Oil



## Project Management Center





# NETL Procures Support / Supplies Through Contracts, Simplified Acquisitions, & Micro-purchases

## Contracts

- >\$150,000, Except for Commercial Items

## Simplified Acquisition

- \$25,000 - \$150,000, FedConnect & FedBizopps
- \$15,000 - \$25,000, FedConnect
- \$3,000 - \$15,000, Oral Quotes

## Micro-purchases

- <\$3,000, Purchase Card

# Acquisition Through FedConnect

FedConnect is an online marketplace where DOE and other Federal agencies post opportunities and make awards.

Any vendor can view public postings at [www.FedConnect.net](http://www.FedConnect.net)



**FedConnect**  
Gateway to Federal Opportunities

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**FedConnect Information**

- For Federal Agencies
- For Vendors
- For Grant Applicants

Latest FedConnect News  
FedConnect Tutorial  
– New Functionality Guide  
Participating Agencies  
FedConnect Accessibility Features  
Contact Us

**FedConnect Technical Support**

**Looking to do business with the US federal government? Are you seeking grants or assistance funding?**

FedConnect can help you do both. The FedConnect portal is a one-stop location where you can find opportunities for federal contracts as well as opportunities for grants and assistance funds.  
[Click here to learn more.](#)

*FedConnect is free for vendors and applicants!*

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**Premium Level Support Now Available.**  
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# Small Businesses Make Up 43% of NETL's Acquisition Procurement Base

<b>Total FY2012 Acquisition Base</b>	<b>\$192,968,470</b>
<b>Small Business Total</b>	<b>\$83,114,470</b>

- **Small Disadvantaged** **\$ 39,645.675**
- **8(a)** **\$ 17,012,700**
- **Woman-Owned** **\$ 11,928,771**
- **HUBZone** **\$ 6,241,914**
- **Veteran-Owned** **\$ 6,677,297**
- **Service-Disabled Veterans** **\$ 1,608,113**

# Small Business Partnerships

## *SBIR and STTR*

- Established under the Small Business Innovation Development Act of 1982 with the aim of strengthening small business involvement in federally-funded research
- Through FY2011 over 135,500 awards have been made totaling more than \$32.8 billion
- SBIR/STTR Reauthorization Act of 2011 extends these programs through September 2017





# Small Business Partnerships

## *SBIR and STTR*

**Each year DOE invites small businesses to apply for SBIR and STTR grants**

- Solicitations contain technical topics in energy-related research areas
- Grant applications **MUST** respond to a specific technical topic and subtopic
- Small businesses that win awards in these programs keep the rights to any technology developed and are encouraged to pursue commercialize

# Small Business Partnerships

## *SBIR and STTR*

### **SBIR and STTR programs have three phases**

- Phase I explores the feasibility of innovative concepts with awards up to \$150,000 for SBIR and \$100,000 for STTR, duration is about 9 months
- Phase II focuses on the principal R&D effort, with awards up to \$1,000,000 for SBIR awards and \$750,000 for STTR awards, over a two-year period
- Only Phase I award winners may compete for Phase II funding

# Small Business Partnerships

## *SBIR and STTR*

- Phase III, in which non-Federal funding is used by the small business to pursue commercial applications
- Under Phase III, Federal agencies may award non-SBIR/STTR-funded, follow-on grants or contracts for products or processes that meet the mission needs of those agencies, or for further R&D

### **What are the chances of winning?**

- Proposal-to-award ratios are about 5-to-1 for Phase I and 2-to-1 for Phase II

# Doing Business with NETL

## *Unsolicited Proposals*

### Unsolicited proposal

- Application for support of an idea, method, or approach submitted by an individual, business, or organization solely on the proposers initiative

**NETL considers proposals in all areas of energy and energy-related R&D, with emphasis on long-term, high-risk, high-payoff technologies**



# Doing Business with NETL

## *Unsolicited Proposals*

### Unsolicited proposals must:

- Demonstrate unique and innovative concepts by or capabilities of the submitter; or
- Offer a concept or service not otherwise available to the Federal government; and
- Not resemble the substance of a pending competitive solicitation



<http://www.netl.doe.gov/business/uspi/unsol.html>

# NETL CURRENT FORECAST

- **Anticipated Award Date: 2015**
- **Contract Type: Prime Contract**
- **NAICS Code: 541712**
- **Type of Acquisition: Research & Development**
- **Description: This award will provide Research and Engineering support services to NETL for a five year period**
- **RFP Release Quarter: 2<sup>nd</sup> Quarter 2014**
- **Solicitation Method: Full & Open Competition**
- **Contact: Larry Sullivan 412-386-6115 or [larry.sullivan@netl.doe.gov](mailto:larry.sullivan@netl.doe.gov)**

# NETL CURRENT FORECAST (continued)

- **Anticipated Award Date: 2015**
- **Contract Type: Prime Contract**
- **NAICS Code: 541712**
- **Type of Acquisition: Management Support Service**
- **Description: To provide NETL with Energy Sector Planning and Analysis Support Services**
- **RFP Release Quarter: 2<sup>nd</sup> Quarter 2014**
- **Solicitation Method: Full & Open Competition**
- **Contact: Larry Sullivan 412-386-6115 or [larry.sullivan@netl.doe.gov](mailto:larry.sullivan@netl.doe.gov)**

# NETL CURRENT FORECAST (continued)

- Anticipated Award Date: 2015
- Contract Type: Prime Contract
- NAICS Code: 541330
- Type of Acquisition: Management Support Services
- Description: This award will provide project and program execution and integration support services
- RFP Release Date: 2<sup>nd</sup> Quarter 2014
- Solicitation Method: Set aside for Small Business
- Contact: Larry Sullivan 412-386-6115 or [larry.sullivan@netl.doe.gov](mailto:larry.sullivan@netl.doe.gov)



# Small Business Contacts

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Manager**

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**SBIR Coordinator**

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**John Augustine**

**Unsolicited Proposals  
Coordinator**

**412-386-4524**

**[john.augustine@netl.doe.gov](mailto:john.augustine@netl.doe.gov)**

## Office of Fossil Energy

The Energy Department's Fossil Energy organization is made up of about 1,000 scientists, engineers, technicians and administrative staff. Its headquarters offices are in downtown Washington, DC, and in Germantown, Maryland. The organization also includes the National Energy Technology Laboratory with offices in Morgantown, WV, Pittsburgh, PA, Sugar Land, TX, Albany, OR, and Anchorage, AK; the Strategic Petroleum Reserve based in New Orleans, LA; and the Rocky Mountain Oilfield Testing Center in Casper, Wyoming.

The Office of Fossil Energy is responsible for several high-priority initiatives including implementation of the \$2 billion, 10-year Clean Coal Power Initiative to develop a new generation of environmentally sound clean coal technologies, the Fossil Energy elements of the American Recovery and Reinvestment Act of 2009, and the nation's Strategic Petroleum Reserve and Northeast Home Heating Oil Reserve, both key emergency response tools available to the President to protect Americans from energy supply disruptions.

### Services

Petroleum Reserves  
International Cooperation  
Natural Gas Regulation  
Advisory Committees

### Science & Innovation

Clean Coal  
Carbon Capture & Storage  
Oil & Gas



FOSSIL.ENERGY.GOV

July 2013

## MISSION

The U.S. Department of Energy's Office of Fossil Energy (FE) plays a key role in helping the United States meet its continually growing need for secure, reasonably priced and environmentally sound fossil energy supplies. Put simply, FE's primary mission is to ensure the nation can continue to rely on traditional resources for clean, secure and affordable energy while enhancing environmental protection.

# FOSSIL ENERGY HEADQUARTERS FORECAST

- **Anticipated Award Date: 2014**
- **Program Office: Office of Management**
- **Contract Type: Prime Definitive Contract**
- **NAICS Code: 541611**
- **Type of Acquisition: Support Services**
- **Description: Administrative Management and General Management Consulting Services**
- **RFP Release Quarter: 4<sup>th</sup> Quarter 2013**
- **Solicitation Method: Small Business 8(a) Set aside Competitive**
- **Contact: Miranda Johnson 202-586-7661 or [miranda.johnson@hq.doe.gov](mailto:miranda.johnson@hq.doe.gov)**

# FOSSIL ENERGY HEADQUARTERS FORECAST

- **Anticipated Award Date: 2013**
- **Contract Type: Federal Supply Schedule**
- **NAICS Code: 541330**
- **Type of Acquisition: Technical and Management Services**
- **Description: Engineering services**
- **RFP Release Quarter: 4<sup>th</sup> Quarter 2013**
- **Solicitation Method: Small Business Set aside Competitive**
- **Contact: Miranda Johnson 202-586-7661 or [miranda.johnson@hq.doe.gov](mailto:miranda.johnson@hq.doe.gov)**

# For More Information

## NETL Customer Service

1-800-553-7681



**NETL**

[www.netl.doe.gov](http://www.netl.doe.gov)



*Office of Fossil Energy*

[www.fe.doe.gov](http://www.fe.doe.gov)



National Energy Technology Laboratory



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